

In the Claims:

1. (currently amended) Apparatus for obtaining an image of a specimen by optical projection tomography, the apparatus comprising light scanning means and a rotary stage ~~for rotating~~operative to rotate the specimen to successive indexed positions in each of which the specimen is stationary and subjected to a complete scan by scanning movement of incident light by the scanning means.
2. (original) Apparatus according to claim 1, wherein the incident light is scanned in a direction perpendicular to an optical axis followed by the light passing through the apparatus.
3. (currently amended) Apparatus according to claim 1, wherein the incident light is scanned in a raster pattern, ~~one complete scan being undertaken at each indexed position of the specimen.~~
4. (previously presented) Apparatus according to claim 1, wherein the light scanning means form part of a confocal scanning microscope.
5. (currently amended) A method of obtaining an image of a specimen by optical projection tomography, comprising ~~scanning the specimen~~rotating the specimen to successive indexed positions in each of which the specimen is stationary, undertaking a complete scan of the stationary specimen with a light beam and detecting light emanating from the specimen to derive the image.
6. (original) A method according to claim 5, wherein the light passes through the specimen prior to being detected.
7. (original) A method according to claim 5, wherein the light enters from one side of the specimen and leaves the specimen from the same side thereof.
8. (cancelled)

9. (previously presented) A method according to claim 5, wherein the detector detects light which exits or by-passes the specimen parallel to the beam incident on the specimen.
10. (previously presented) A method according to claim 5, wherein the light is laser light.
- 11 - 12. (cancelled)